

VILIBOV, M.P.

Use of phase contrast microscope for the detection of ~~small~~
spores. Lab. delo no. 11:684-685 '64. (MRA 17:12)

1. Voyennno-meditsinskaya ordena Lenina akademiya im. S.M.
Kirova, Leningrad.

ACC NR: AP6035914

SOURCE CODE: UR 0413/66/000/020/0159/0159

INVENTOR: Veselov, M. P.; Kita, V. F.; Smantser, A. I.

ORG: none

TITLE: Temperature regulator with bimetallic heat-sensing element. Class 42,
No. 187422

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 20, 1966, 159

TOPIC TAGS: heat regulation, temperature regulator, temperature control

ABSTRACT: An Author Certificate has been issued for a temperature regulator with a bimetallic heat-sensitive element, which can be mechanically connected with the unit to be actuated (e.g., a valve). To increase measurement accuracy by avoiding the longitudinal-bending deformation of the sensitive element, the element is made in the form of an assembly of concentrically placed pipes, alternated according to the value of the thermal linear-expansion coefficient, and with a sequential connection of the ends. [WA-98]

SUB CODE: 14/ SUBM DATE: 14Oct63

Card 1/1

Form 526 612-5

ACC NR: AP7002993

(N)

SOURCE CODE: UR/0413/66/000/024/0095/0095

INVENTORS: Kulikov, L. A.; Kita, V. F.; Veselov, M. P.

ORG: none

TITLE: A device for pre-ignition heating of an internal combustion engine. Class 46,
No. 189643 [announced by Central Design and Construction Bureau MRF RSFSR
(Tsentral'noye proyektno-konstruktorskoye byuro MRF RSFSR)]

SOURCE: Izobreteniya, promyshlennyye obratstey, tovarnyye znaki, no. 24, 1966, 95

TOPIC TAGS: internal combustion engine, diesel engine, engine ignition system, engine cooling system

ABSTRACT: This Author Certificate presents a device for pre-ignition heating of an internal combustion engine, such as a marine diesel, prior to its starting. The heating is accomplished by admitting hot water from the cooling system of a working engine to the closed circuit of the engine to be heated (see Fig. 1). To increase the reliability and to improve the starting properties, the circuit is provided with artificial circulation produced by an ejector placed at the circuit outlet. The input and the output of the circulating circuit may contain automatically directed two-seat valves for connecting the engine (after it is started) to the cooling system.

Card 1/2

UDC: 621.43-574

ACC NR: AP7002993

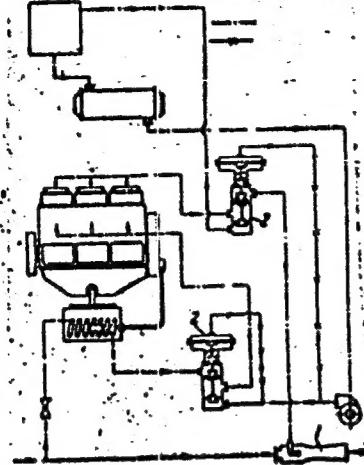


Fig. 1. 1 - ejector;
2 - two-seat valves

Orig. art. has: 1 figure.

SUB CODE: 21/ SUBM DATE: 09Nov65

Card 2/2

KRYLOV, V.N., polkovnik meditsinskoy sluzhby, dotsent; OSIPYAN, V.T.,
polkovnik meditsinskoy sluzhby, kand.med.nauk; VESELOV, M.P.,
podpolkovnik meditsinskoy sluzhby, kand.med.nauk;
GOL'DIN, R.B., mayor meditsinskoy sluzhby, kand.med.nauk

Method for studying the seeding of surfaces of varicous
objects with bacteria. Voen.-med. zhur. no.4:45-46 Ap '61.
(MIRA 15:6)

(BACTERIOLOGY--TECHNIQUE)

VESELOV, P. I.

VESELOV, P. I.: "Massage and hot bathing of the udders of pregnant heifers as a method of increasing their subsequent milk productivity." Min Higher Education USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Ivanova, 1956 (Dissertation for the degree of Candidate in Agricultural Science)

To: Knizhnaya Letopis', No. 18, 1956

VAYSHERG, N. (Sverdlovsk); VESHLER, N. (Sverdlovsk); ZINOV'YEV, Yu. (Sverdlovsk);
LEONOV, N. (Sverdlovsk).

("The economics of the socialist chemical industry." N.N.Kalmykov, S.A.
Vaishein. Reviewed by N.Vaisberg and others) Vop.ekon.no.7:150-153 J1
'56. (Chemical industries) (MLRA 9:9)
(Kalmykov, N.N.)
(Vaishein, S.A.)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

DROBYSHEV, A.; BONDAREV, N.; SAPOZHNIKOV, F.; ROGOVIN, N.; ACHIKAROV, D.;
VISHLOV, N.; GROBOKOFATEL', S.; RABINSKIY, M.; PESTOVSKIY, A.

Semen Iosifovich Kazarnovskii; obituary A. Drobyshev and others.
Elek.sta. 27 no.5:53 My '56. (MLRA 9:8)
(Kazarnovskii, Semen Iosifovich, d.1956)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

VESELOV, N.

Characteristics of the operation of marine diesel engines in
the tropics. Mor. flot 24 no.3:28-30 Mr '64.

(MIRA 17:6)

1. Starshiy inzh.-teplotekhnik Estonskogo parokhodstva.

VESELOV, N., rabochiy ochistnogo zabora

On a visit to our friends. Sov.shakht. 10 no.3:38-39 Mr '61.
(MIRA 14:7)

1. Sha'chta "Yuzhnaya-Kamyshinskaya" tresta Kopeyskugol'.
(Czechoslovakia--Coal mines and mining)

1. VESELOV, N. A.
2. USSR (600)
4. Karakul Sheep
7. Significance of short lambing periods for breeding work.
Karakul Sheep
Kar. i zver. 5 No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

МЕЛЮХИН, А. Н.; ВЕЛИКОВСКАЯ, А.

Pastures

Utilization of sown pasturage. Сots. zhiv. 14 no. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1951, Uncl.
2

VESELOV, Nikolay Afanas'yavich; MATVEYEV, Vasiliy Matveyevich, zootekhnik;
PSHENICHNAYA, G.N., red.; PANKRATOV, A.I., tekhn. red.

[Loose housing of cattle; from experience of the "Shuiskii"
State Farm] Bespriviazroe soderzhanie skota; iz opyta raboty
sovkhosa "Shuiskii." Ivanovo, Ivanovskoe knizhnoe izd-vo,
1962. 53 p. (MIRA 15:4)

1. Direktor sovkhosa "Shuiskiy", gorod Ivanovo, Ivanovskaya oblast'
(for Veselov).
(Ivanovo Province--Dairy barns)

L 10997-66
ACC NR: AP6001978

SOURCE CODE: UR/0105/65/C00/003/0090/0091

AUTHOR: Neporozhniy, P. S.; Finogenov, Ia. I.; Lavrenenko, K. D.; Veselov, N. D.; Savinykh, A. I.; Sapozhnikov, F. V.; Serdyukov, N. P.; Chuprakov, N. M.; Nekrasov, A. M.; Borovoy, A. A.; Kotilevskiy, D. G.; Steklov, V. Yu.; Kulebakin, V. S.; Bogdanov, N. P.

14
QB

ORG: none

TITLE: Petr Ivanovich Voyevodin

SOURCE: Elektrичество, no. 3, 1965, 90-91

TOPIC TAGS: electric engineering personnel, political personnel

ABSTRACT: P. I. VOYEVODIN died on 25 November 1964; one of the oldest bolshevik-Leninists, he was a member of the CPSU already in 1899. He fought in the early battles of the revolution, was imprisoned and sent to Siberia in 1905. After the October Revolution he became an economic adviser to Lenin on matters pertaining to Siberia and the entire Soviet Union as well. He was active in planning and organizing GOELRO. In 1921 he was assigned to set up the new Russian cinema industry, later he turned to the problems of electrification: spreading Lenin's ideas, publishing books and periodicals on the subject. He was the first Soviet editor of "Elektrичество" and then the editor of "Elektrifikatsiya." He partici-

UDC: 621.311

Card 1/2

L 10997-66

ACC NR: AP6004978

pated in the International Power Conferences in Berlin 1930 and in Belgrade 1956. His entire life was devoted to faithful service in the interests of the Communist Party; in 1964 he was duly awarded the Order of Lenin and was named a Hero of Socialist Labor. Orig. art. has: 1 figure. [JMS]

SUB CODE: 05, 09 / SUBM DATE: none

PC
Card 2/2

NEPOROZHNIY, P.S.; FINOGENOV, Ya.I.; LAVRENENKO, K.D.; VESELOV, N.D.;
SAVINYKH, A.I.; SAFOZHNIKOV, F.V.; SERDYUKOV, N.P.; CHUPRAKOV, N.M.;
NEKRASOV, A.M.; BOPOVOY, A.A.; KOTILEVSKIY, D.G.; STEKLOV, V.Yu.;
KULEBAKIN, V.S.; BOGDANOV, N.P.

Petr Ivanovich Voevodin, d. 1964; obituary. Elektrichestvo no.3:
90-91 Mr '65. (MIRA 18:6)

VESELOVA, N.D.; CHERNIKOVA, R.A.

Practice of Bryansk Worsted Fabrics Works in using a new method
of sizing. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i
tekh.inform. 16 no.10:74-76 '63. (MIRA 16:11)

AVZURAGOV, A.A.; VESELOVA, N.D.

Use of polyacrylamide for the sizing of wool warp. Tekst.prom.
23 no.8:55-56 Ag '63. (MIRA 16:9)

1. Nachal'nik tekhnicheskogo otdela Bryanskogo kamvol'nogo
kombinata (for Avzuragov). 2. Starshiy inzh. tekhnicheskogo
otdela Bryanskogo Kamvol'nogo kombinata (for Veselova).
(Sizing (Textile)) (Acrylamide)

AVTONOMOV, B.V.; BONDAREV, I.I.; BORISENKO, P.I.; BURLAKA, S.A.; VESLOV,
N.D.; ZUBANOV, K.V.; KLIMENKO, G.A.; KOTILEVSKIY, D.G.; KUDISH,
A.D.; LAVRENEENKO, K.D.; MALYUTIN, N.P.; MARINOV, A.M.;
MOLOKANOV, S.I.; PLOGATYREV, A.A.; POBEGAYLO, K.M.; POGAIEVSKIY,
V.L.; SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDIUKOV, N.P.;
FINOGENOV, Ya.I.; CHALDRANYAN, V.P.; CHULKOV, Ye.I.; SHANIN, V.P.;
SHISHOV, V.V.

Ivan Konstantinovich Khivrenko; obituary. Elek.sta. 34 no.2:96
F '63. (MIRA 16:4)
(Khivrenko, Ivan Konstantinovich, 1899-1962)

VESELOV N.D.

PEREYUGIN, M.G.; LOGINOV, P.G.; ZHIMKIN, D.G.; PAVLENKO, A.S.;
KULIK, I.A.; DONCHENKO, V.I.; DROBISHEV, A.I.; DIMITRIEV, I.I.;
YERMAKOV, V.S.; SOBIN, L.A.; PODUSHKIN, A.S.; SMIROV, M.S.;
TARASOV, N.Ya.; NIKOL'SKIY, G.P.; KRYLOV, N.A.; KOGTEV, G.I.;
AGKHASOV, D.I.; VENKLOV, N.D.; CHIZHOV, D.G.; UGORETS, I.I.;
NIKIN'GOROV, F.N.; PLATONOV, M.A.

Vladimir Nikolaevich Sergeev; obituary. Elek. sta. 27 no.3:63 Mr
'56. (MIRA 9:8)

(Sergeev, Vladimir Nikolaevich, 1903-1956)

VESELKOV, N.G.

Possibilities for a better use of equipment in oxygen-blown converter plants. Stal' 25 no.10:909-910 O '65.
(MIRA 18:11)

GUZEV, Ye.N.; SAMSONOV, V.I.; VESLOV, N.G.

"Secondary ferrous metals" by A.G. Skorokhodov, S.M. Beregovskii,
A.I. Lobok. Reviewed by E.M. Gusev, V.I. Samsonov, N.G. Veselov.
Stal' 16 no.11:1055-1058 N '56. (MLRA 10:1)
(Iron--Metallurgy)

VESELOV, N.G.

137-1958-3-4829

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 55 (USSR)

AUTHOR: Veselov, N.G.

TITLE: Utilization of Reclaimed Metal and Its Role in National Economy
(Narodnokhozyaystvennoye znacheniye izpol'zovaniya oborotnogo metalla)

PERIODICAL: Tr. Ural'skogo politekhn. in-ta, 1957, Nr 66, pp 133-145

ABSTRACT: As introduced by the author, the term "reclaimed metal" (RM) refers to the current metal waste in ferrous metallurgy and metal-working, as well as to iron scraps. A diagram showing the origination of RM is given. Also presented is a historical survey of methods of utilization of the RM in crucible and blast furnace production, as well as in open-hearth and other processes. The RM not only is being employed in constantly expanding fields as a metallurgical raw material, but is also used without re-melting in the manufacture of consumer goods. At the present time the metal waste (shavings, scale, flue dust) is utilized in the manufacture of metallic powders, employed in the production of both mass-produced parts and special-purpose items. Expenses connected with the collection and processing

Card 1/2

137-1958-3-4829

Utilization of Reclaimed Metal and Its Role in National Economy

of RM are always lower than the total cost of producing pig
iron from ores.

G. S.

Card 2/2

DUKHNEVICH, Vadim Ignat'yevich; ISKHAKOV, Genim Khanipovich; PANFILOV,
Mikhail Ivanovich; REVEBTSOV, Vasiliy Petrovich; GAL'PERIN, A.S.,
inzh., retsaenzent; VESKLOV, N.G., dotsent, kand.ekonom.nauk, red.;
SYECHINA, M.M., red.izd-va; MATLYUK, R.M., tekhn.red.

[Economic aspects and the organization of open-hearth furnace
repairs] Voprosy ekonomiki i organizatsii remontov martenovskikh
pechei. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, Sverdlovskos otd-nie, 1960. 95 p.

(MIRA 13:9)

(Open-hearth furnaces--Maintenance and repair)

NIKULIN, Vadim Mikhaylovich; ISKHAKOV, Galim Khanipovich; AMEL'CHENKO,
M.A., retsentent; VESEL'OV, N.G., red.; KRYZHOVA, M.L., red.izd-va;
MATIYUK, R.M., tekhn.red.

[Labor productivity growth potentials in refractory materials
production] Rezervy rosta proizvoditel'nosti truda v ogneupornom
proizvodstve. Sverdlovsk, Gos.nauchno-tekhm.izd-vo lit-ry po chernoi
i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 85 p.

(MIR. 14:6)

(Refractories industry)

VESELOV, Nikolay Grigor'yevich; OSINTSEV, Arkadiy Stepanovich; KHURAVLEV,
G.P., rezaenzent; VERSHININ, A.M., red.; SYRCHINA, M.M., red. izd-va;
MATLIVUK, R.M., tekhn. red.

[Analysis of potentialities for the reduction of the cost of cast
iron.] Analiz rezervov snisheniia sebestoimosti chuguna. Sverdlovsk,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
Sverdlovskoe otd-nie, 1961. 124 p. (MIRA 14:6)
(Cast iron) (Metallurgical plants—Costs)

VESELOV, Nikolay Grigor'yevich; SKOROKHODOV, A.A., retsenzent;
POPOV, Leonid Pavlovich, red.; SIRCHINA, M.M., red.izd-va;
MAL'KUVA, N.T., tekhn. red.

[Cost of cast iron] Sebestoimost' chuguna. Sverdlovsk, Metal-
lurgizdat, 1962. 51 p.
(Cast iron—Cost)

VESELOV, Nikolay Grigor'yevich; REVEBTSOV, V.P., retsenzsent;
SKOROBOGACHEVA, A.P., red.izd-va; KOROL', V.P., tekhn.
red.

[Economics of blast furnace production] Ekonomika domennogo
proizvodstva. Moskva, Metallurgizdat, 1963. 219 p.
(MIRA 16:7)
(Iron industry)

LYCHAGIN, Aleksey Sergeyevich; VESELKOV, N.G., retsenzent; BUGROVA,
B.A., red.izd-vz; MIKHAYLOVA, V.V., tekhn. red.

[Design of open-hearth furnaces] Proektirovanie martenovskikh
pechey. Izd.2., ispr. 1 dop. Moskva, Metallurgizdat, 1963.
280 p. (MIRA 16:12)
(Open-hearth furnaces--Construction and design)

VESELOV, Nikolay Grigor'yevich; OSINTSEV, A.S., prof., doktor ekon.
NATAL', Novoselova, B.M.; BOGACHEVA, A.P., red. izd-va;
MAL'KOVA, N.T., tekhn. red.

[Cost reduction is a source of the growth of the nation's
wealth] Snizhenie sebestoimosti produktsii- istochnik rosta
obshchestvennogo bogatstva. Izd.2. Moskva, Metallurgizdat,
1963. 44 p. (MIRA 16:6)

(Metal trade) (Costs, Industrial)

VESELOV, Nikolay Grigor'evich; OSINTSEV, A.S., prof., doktor ekon.
[REDACTED] naic, retsenzent; SKOROBOGACHEVA, A.P., red.izd-va;
MAL'KOVA, N.T., tekhn. red.

[Ways to utilize the production funds of an enterprise to
a better advantages] Puti luchshego ispol'zovaniia proiz-
vodstvennykh fondov predpriatiia. Izd.2. Moskva, Metal-
lurgizdat, 1963. 40 p. (MIRA 16:9)

(Iron industry--Management)
(Steel industry--Management)

VESELOV, N.M.

KRASIL'NIKOV, N.A.; KORENYAKO, A.I.; MEKSINA, M.M.; VALEDINSKAYA, L.K.
[deceased]; VESELOV, N.M.

Culture of *Actinomyces* No.111, *Actinomyces luridus* nov.sp., producer
of the antiviral antibiotic luridin [with summary in English].
Mikrobiologiya 26 no.5:558-564 S-0 '57. (MIRA 10:12)

1. Institut mikrobiologii AN SSSR i Vsesoyuznyy nauchno-issledovatel'-
skiy institut antibiotikov, Moskva.
(ANTIBIOTICS.

luridin, prod. by *Actinomyces luridus* & antiviral
properties (Rus))
(ACTINOMYCES,
luridus, prod. of antibiotic luridin (Rus))

Abstract : A new species of actinomycetes, called *Actinomyces luridus*, strain XII (1), is described which, according to its morphological properties, character of growth, and stage of colony, does not differ from *Act. freudenreichii* but yields a new antiviral antibiotic, luridin. According to the biochemical properties it is related to group II of the polymorphic *Actinomyces*. The cultural fluid

suppressed the development of many bacteria, fungi, and actinomycetes and inhibited the development of several viruses and the gripp virus as well. With experimentation in chick embryos inoculated with gripp virus, 0.3 ml of the culture fluid inactivated 100 - 1000 LD of gripp virus $A_{50} = 2$. P. Vorob'yeva

ML. NIKOVA, A.A.; VASIL'YEV, G.M.; CHUMAK, M.D.; VESHLOV, N.M.; SNEZHNOVA, L.P.

Culture media for detecting antibiotic substances in actinomycetes.
Mikrobiologiya 26 no.6:762-766 N-D '52. (MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

(ACTINOMYCES, culture,
media for detection of antibiotics (Rus)

(ANTIBIOTICS, determination,
in Actinomycetes culture, culture media (Rus)

MEL'NIKOVA, A.A.; VESELOV, N.M.

Comparative physiological investigation of two strains of
Actinomyces violaceus which produce antiviral antibiotics.
Antibiotiki 4 no.1:31-36 Ja-F '59. (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS,
violarin, prod. by Actinomyces violaceus (Rus))
(ACTINOMYCES,
violaceus, prod. of antibiotic violarin (Rus))

MEL'NIKOVA, A.A.; VESELOV, N.M.

Paper chromatography of antibiotics produced by *Actinomyces violaceus*
strains 452-7 and 1212. Antibiotiki 5 no.2:9-13 Mr-Apr '60.
(MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS) (ACTINOMYCES)

SEMENOVA, V.A.; IL'INSKAYA, S.A.; TAYG, M.M.; MEL'NIKOVA, A.A.;
SHNEIDERSON, A.N.; BUYANOVSKAYA, I.S.; VESELOV, N.M.

Study of some actinomycetes forming closely related anti-
biotics. Antibiotiki 8 no.1:12-18 Ja'63. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut anti-
biotikov.

(ACTINOMYCETES) (BACTERIOLOGY—CULTURES AND CULTURE MEDIA)
(ANTIBIOTICS)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

VESELOV, N.P.

Concerning D.M.Abakshin's article. Kuz.-shtam.proizv. 4 no.2:44
F 162. (MIRA 15:2)

(Power presses) (Abakshin, D.M.)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

BOGDANOV, K.; VESELOV, P.; NOSOVA, A.

Renders suggest. Fin. SSSR 23 no.7:77-79 J1 '62. (MIRA 15:7)

1. Nachal'nik inspeksii gosudarstvennykh dokhodov Tambovskogo rayonnogo finansovogo otdela Tambovskoy oblasti (for Bogdanov).
2. Zaveduyushchiy Luginskim rayonnym finansovym otdelom Zhiltomirskoy oblasti (for Veselov). 3. Inspektor Arskogo rayonnogo finansovogo otdela Tatarskoy ASSR (for Nosova).

(Agriculture—Taxation)

(Luginy District—Community centers)

(Agriculture--Auditing and inspection)

VESELOV, P.I., dotsent; ZHUKOVA, N.M.; ZIMINA, A.I., tekhnik

Fluctuations of the percentage of fat in milk and methods of determining the butterfat percentage of cows for a lactation period. Sbor. nauch. trud. Ivan. sel'khoz. Inst. no.19: 163-166 '62. (MIRA 17:1)

1. Kafedra razvedeniya sel'skokhozyaystvennykh zhivotnykh i molochnogo dela (zav. - prof. V.Ye. Al'tshuler) Ivanovskogo sel'skokhozyaystvennogo instituta. 2. Starshiy laborant kafedry razvedeniya sel'skokhozyaystvennykh zhivotnykh i molochnogo dela Ivanovskogo sel'skokhozyaystvennogo instituta. (for Zhukova).

AUTHORS: Shitsman, S.Ye., and Veselov, P.P. SOV/19-53-6-360/865

TITLE: An Instrument for Determining the Thickness of Metal Objects from Their Surface (Pribor dlya opredeleniya tolshchiny metallicheskikh izdeliy s poverkhnosti)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 80 (USSR)

ABSTRACT: Class 42b, 12⁰³. Nr 113473 (365728 of 15 Nov 1948). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. An instrument as specified in the title, of portable design and of sufficient accuracy for practical measurements; including a highly sensitive a.c. vibration galvanometer in its d.c. compensation circuit.

Card 1/1

VESELOV, P.V.

Mystery of the name. Standartizatsiia 29 no. 11:61 N '65
(MIRA 1961)

VESELOV, S.

"Agricultural Bank credits for the construction of collective farm electric power stations." L.Braginskii. Reviewed by S.Vaselov.
Fin.SSR 15 no.11:93 N'54. (MLRA 8:2)

1. Predsedatel' mezhkolkhoznogo soveta Bassypukhinskoy GHS.
(Braginskii, L.V.)(Agricultural credit)(Rural electrification—Finance)

VESELOV, S.A., detsent, kandidat tekhnicheskikh nauk.

New method in separating grain-milling products. Trudy MTIPP
2:449-462 '52. (MIRA 9:2)
(Grain-milling machinery)

VESELOV, S.A. (Shuya)

Dynamometer with an index pin and experiments with it. Fiz.v
shkole 21 no.4:86-87 Jl-Ag '61. (MIRA 14:10)
(Dynamometer)

SOV/58-59-4-7243

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 4, p 8 (USSR)

AUTHOR: Veselov, S.A.

TITLE: New Experimental Method of Investigating Slow Electric Oscillations

PERIODICAL: Uch. zap. Shuyak. gos. ped. in-t, 1958, Vol 6, pp 73 - 86

ABSTRACT: The author describes the circuit of a setup for producing slow electric oscillations. He discusses some experiments in applying these oscillations: a demonstration of phase shift between the current and the voltage, a demonstration of the rectification of AC, and a demonstration of the summation of oscillations.



Card 1/1

VESELOV, S. G.; LUCHINA, A. F.

Sewing

Experience in applying the sectional process for assorted styles and sizes.
Leg. prom., 12, No. 9, 1952.

1952

1953, Unc1.

9. Monthly List of Russian Accessions, Library of Congress, December 1953, Unc1.

L 22577-66

ACC NR: AP6012976

SOURCE CODE: UR/0094/65/000/011/0058/0059

AUTHOR: Veselov, S. I.; Gorin, F. I.

25
B

ORG: none

TITLE: Results of the 20th all-union contest for the best proposal to save electric and heat power

SOURCE: Promyshlennaya energetika, no. 11, 1965, 58-59

TOPIC TAGS: electric engineering conference, electric rotating equipment, electric distribution equipment, electric power engineering

ABSTRACT: A total of 4,767 persons took part in this contest, sending in more than 4,000 proposals of which 1,757 were accepted for serious consideration and resulted in saving 1,030,000 kWh of electric power and 3,200,000 Gcal of heat energy. The following are some of the best proposals given out. This

although its organization could be improved still further. The following were among the best proposals accepted: a sparkover attachment for a 500 kV electric transmission line, saving 14,000,000 kWh annually; the replacement of the evaporating scrubbers of kilns by heat recovery boilers; a new design of high-capacity corundum-melting furnace; glass-coated pipe to eliminate paraffin deposits; a special device for the phosphate treatment of threads on large-sized work parts, including the housings and shafts of turbine drills;

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L 22577-66

ACC NR: AP6012976

a set of measures to improve the utilization of heat-power facilities of a combine, serving to eliminate losses of secondary energy resources; a new industrial method of melting commercial siliconmanganese, with addition of as much as 50% of manganese sinter to the charge, etc. The coordinating agencies in charge of the contest (All-Union Scientific and Technical Society, State Production Committee for Power and Electrification USSR) resolved that the proposals submitted should be introduced more energetically, special awards should be given to members of the local contest commissions and juries, and steps should be taken to materially and otherwise encourage the local contest commissions to organize the next, 21st contest still more effectively and efficiently. [JPRS]

SUB CODE: 10, 05, 09, 13 / SUBM DATE: none

Card 2/2 BK

VESELOV, S.I.; GORIN, F.I.

Results of the 18th All-Union Competition on Best Suggestions
on the Saving of Thermal and Electric Power. Prem. energ. 18
no.12:48-49 D '63. (MIRA 17:1)

VESELOV, S.I.; GORIN, F.I.

Results of the Nineteenth All-Union Competition on Best Suggestions
on the Economy of Electric and Thermal Power. Prom. energ. 19 no.12:
37-39 D '64. (MIRA 18:3)

VESELOV, S.I.; GORIN, I.F.

Great achievements of the national economy. Energetik 13
no.11; 38-39 N '65. (MIRA 18:11)

1. Nachal'nik Gosudarstvennoy inspeksii po energonadsoru
Ministerstva energetiki i elektrifikatsii SSSR (for Veselov).
2. Nachal'nik tekhnicheskogo otdela Gosudarstvennoy inspeksii
po energonadsoru (for Gorin).

VESELOV, S.I.; GUSHCHINA, N.; MAKUSHKIN, L.G.; RULINA, L.B.; CHICHILO, I.K.; SHABUNIN, Ye.M.; CHILIKIN, M.G., prof.; YUSHKOV, S.B.; GOSIS, I.N.; RYABTSEV, N.I.; KRUPOVICH, V.I.; PETROV, N.I.; PATARUYEV, A.D.; BEYRAKH, Z. Ya., doktor tekhn. nauk

Twenty-first anniversary of the publication "Promyshlennost' energetika". Prom. energ. 21 no. 1:5-7 Ja '66 (MIR 19:1)

1. Nachal'nik Gosudarstvennoy inspeksii po energeticheskому nadzoru Ministerstva energetiki i elektrifikatsii SSSR (for Veselov).
2. Moskovskoye pravleniye nauchno-tehnicheskogo obshchestva energeticheskoy promyshlennosti (for Gushchina).
3. Predsedatel' Sverdlovskogo pravleniya Nauchno-tehnicheskogo obshchestva energeticheskoy promyshlennosti (for Makushkin).
4. Glavnyy energetik Pervogo gosudarstvennogo podshipnikovogo zavoda (for Chichilo).
5. Glavnyy energetik Moskovskogo metalurgicheskogo zavoda "Serp i molot" (for Shabunin).
6. Rektor Moskovskogo energeticheskogo instituta (for Chilikin).
7. Glavnyy inzhener instituta Tyazhpromelektroproyekt (for Krupovich).
8. Glavnyy konstruktor Moskovskogo zavoda teplovoy avtomatiki (for Beyrakh).

VSELOV, S.M.

Signalizing and communication headquarters of a railroad district.
Avtom. telem. i sviaz' 3 no.8:31 Ag '59. (MIRA 13:2)

1. Nachal'nik Velikolukskoy distantsii signalizatsii i svyazi Kalinin-skoy dorogi.
(Railroads--Signaling)

VESLOV, S.M.

Our method for calculating labor productivity for the railroad division. Avtom., telem. i svias' 3 no.7:22-23 J1 '59.
(MIRA 12:12)

1. Nachal'nik Velikolukskoy distantsii signalizatsii i
svyazi Kalininskoy dorogi.
(Railroads---Labor productivity)

SEMELEV, N.R., polkovnik; GRIGOR'YEV, G.M., polkovnik; VESELOV,
~~S.P.~~ inzh.-polkovnik; ANDREYEV, N.R., polkovnik;
ROMANOV, D.K., kapitan 1 ranga; YEMEL'YANOV, V.I.,
polkovnik, red.

[Organization and armament of armies and navies of capitalistic countries] Organizatsiya i vooruzhenie armii i flotov kapitalisticheskikh gosudarstv. Moskva, Voenizdat, 1965.
(MIRA 19:1)
545 p.

~~VESELOV, S.S., inzhener; OVECHKO, V.L., inzhener; GERASIMOV, V.N., redaktor;~~
~~OSOV, N.V., redaktor izdatel'stva; VORONETSKIY, B.V., tekhnicheskij~~
~~redaktor.~~

[Efficient methods employed in the Leningrad Power Plants] Ratsionalizatorskaja rabota Lenenergo. Leningrad, Gos.energ.izd-vo, No.1, 1949.
241 p. [Microfilm] (MLRA 10:5)

1. Proizvodstvenno-tehnicheskij otdel Upravleniya Lenenergo (for Veselov, Ovechko) 2. Russia (1923- U.S.S.R.) Glavnaya upravleniya elektrostantsiy i elektrosetey Tsentra Leningradskoye rayonnoye upravlenije. 3. Zametitel' glavnogo inzhenera Lenenergo (for Gerasimov). (Leningrad--Electric power plants)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

ALEKSANDROV, M.N., inzh.; VAVIN, V.N., inzh.; VESLOV, S.V., inzh.

Spontaneous frequency separation in the DFZ-2 differential-phase
filter of high-frequency protection. Elek.sta. 29 no.11:82
M '58. (MIREA 11:12)

(Electric filters)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

VESELOV, V.

First year of navigation on the Volga-Baltic Sea Waterway.
Rech. transp. 24 no. 3:13-14 '65. (MIRA 18:5)

1. Zamestitel' nachal'nika Severo-Zapadnogo parokhodstva.

VESELOV, V.

Eliminating essential differences between intellectual and
physical work. Sots. trud 7 no.5:26-34 My '62. (MIRA 15:5)
(Labor and laboring classes--Education)
(Socialist competition)

VESELOV, V. A.

Engines

Determination of the number of turns (or strokes) of a piston engine from an indicator diagram. Trudy Mosk. inst. khim. mash. no. 2, 1950.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

VESELOV, V.A.; MEL'NIKOV, Yu.N.

Contact preheating of materials intended to be pressed. Prod.
emerg. 15 no. 6:15 Je '60. (MIRA 13:7)
(Electric heating) (Plastics)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

PHASE I BOOK EXPLOITATION

SOV/5709

Veselov, Vladimir Aleksandrovich

Oborudovaniye dlya pererabotki plasticheskikh mass v izdaliya; teplovyye raschety (Equipment for the Manufacture of Plastic Articles; Thermal Calculations) Moscow, Mashgiz, 1961. 211 p. Errata slip inserted.
10,000 copies printed.

Reviewer: A. V. Pinayev, Candidate of Technical Sciences; Ed. V. I. Kubarev,
Engineer; Tech. Ed.: B. I. Model'; Managing Ed. for Literature on Chemical
and Textile Machine Building: V. I. Rybakova, Engineer.

PURPOSE: This book is intended for technicians and machine designers in industries which manufacture plastic goods and for students at special schools of higher education.

COVERAGE: The book gives "new" data on heat-exchange processes in various press molds which are used in the manufacture of plastic articles and discusses

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Equipment for the Manufacture of Plastic(Cont.)

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theoretical principles and methods for the thermal analysis of various types of press molds and casting molds. The material presented may be used in actual design computations. The study was undertaken with a view to 1) reducing the consumption of scarce alloys and increasing the service life of heating elements of high specific resistance which resist continuous reheating to 750 - 800° C; 2) mathematically determining the temperature field of the shaping surface of press molds, thus lowering the number of rejected articles; and 3) formulating methods for computing the power and determining the position of heat-regulating elements in press molds. Problems of heat loss and heat insulation are also discussed. The author has divided press molds into two groups, i. e., those of stationary thermal operating conditions, which maintain a uniform and constant temperature field; and those which maintain a temperature field which is uniform throughout the shaping section of the mold, but which varies in a time cycle from maximum to minimum due to the use of steam, water, and other heat-carriers of different initial parameters. No personalities are mentioned. There are 17 references, all Soviet.

Card 2/5

LIPKIN, M.Ye.; VESELOV, V.A.; PUSHKOVA, K.T.

Use of luminescent sera in practical work. Zhur.mikrobiol., epid.
i immun. 32 no.11:26-29 N '61. (MIRA 14:11)
(SERUM)

VESELOV, V. A.

"Peculiarities of the Work of Soils as a Foundation for Refrigerators." Sub 16
May 51, Moscow Order of the Labor Red Banner Construction Engineering Inst imeni V. V.
Kuybyshev

Dissertations presented for science and engineering degrees in Moscow During 1951.

SO: Sum, No. 480, 9 May 55

TSYTOVICH, Nikolay Aleksandrovich; VESELOV, V.A., otvetstvennyy red.;
FEODOT'YEV, K.M., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Foundations and groundwork in permafrost areas] Osnovaniia i
fundamenty na merzlykh gruntakh. Moskva, Izd-vo Akad. nauk SSSR,
1958. 167 p.
(Frozen ground) (Foundations)

YES. LOU, U.A.

PAGE 1 BOOK EXPLOITATION 507/2022

3157) *Industri-tekhnicheskaya kniga po naftotekhnike*. Tbs, Moscow, 1976

Materialy po naftotekhnicheskym nauchno-issledovaniyam. Materials on Engineering Aspects of Petroleum; the 7th Interdepartmental Conference on Studies of Petroleum. Sovnauk. Izd-vo Akad. Nauk SSSR. 1979. 159 p. Printed slip started. 1,500 copies printed.

Author: A. V. Kostylev. Address: Moscow, Ordzhonikidze str. 30, Apt. 103, District naftotekhniki.

Editor: L. D. Baskakov, N. A. Tsvetkov, N. M. Chertkov. Ed. or Published: Sovnauk. Izd-vo Akad. Nauk SSSR. Book. No. 1. Ya. V. Nekrasov.

Review: This book is intended primarily for engineering engineers and geologists specialized in petroleum problems.

Comments: This collection of articles contains reports originally delivered at the 7th Interdepartmental Conference on Petroleum held in Moscow in March 1976. The materials of this conference were published in three issues generally concerned with the aspects of petroleum (present work), petrochemistry, geological, engineering aspects of shale, dolomite, sandstone, dolomites and marlstones. Individual articles of this work discuss such problems as planning, feasibility, and economic methods of shale and dolomites in petroleum production. Some of this information reported, particularly on hydraulic engineering construction, is new and appears for the first time in the literature on petroleum. Articles are designated by numbers.

39

Chernikov, V. P. Problems of Best Engineering Construction of Petrochemical Foundations Describable to Shale Based on Experimental Data and Field Observations

40

Chernikov, V. P. Best Engineering Construction of Gasoline of Quality Corresponding to the Data About the Best Losses in a Petrolimulsion

41

Chelyabov, N. I. Design and Production of Surface Structures Traded in Areas of Petroleum Fields. Original

42

Chelyabov, A. I. Methods of Petroleum Production Utilized in the Presently Known Areas of the Kazakhstan Ass

43

Chernikov, A. P., and V. A. Chernikov. Certain Problems of Construction of Foundations for the Conditions Data Prevail in the Far North-East Materials on Engineering Aspects (cont.)

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Chernikov, G. E. Practical Experience in Operating Industrial Facilities Based on Petroleum Oils

Chernikov, G. E. Control of a Petroleum Plant in the Construction and Operation of Building

Chernikov, G. E. (Seconded). Practical Experience on the Operation of Industrial Buildings Based on the Petroleum Oils of Komi's Republic, and Structures in the Arctic Siberian Region

Chernikov, G. E., and G. Yu. Sharshun. (Seconded). Practical Experience in Industrial, Building, and Operative Work Done at April's Oil Refinery With Long-term General President

Chernikov, V. I. Specific Marine Problems in Regions With Frozen Roads

Chernikov, V. I. (Seconded). A Survey of Water Supply Sources in the Region of the Permanently Frozen Soils of the Baykal-Yenisei Canal Deposits

Chernikov, V. I. Surveying the Stability Engineering Conditions in Areas Covered by Permafrost

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TSYTOVICH, N.A., prof.; VESELOV, V.A., dotsent, kand.tekhn.nauk; KUZ'MIN,
P.G., dotsent, kand.tekhn.nauk; VERRONSKIY, V.I., kand.tekhn.
nauk, assistent; PILYUGIN, A.I., kand.tekhn.nauk, assistent;
LUGA, A.A., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; SOKO-
LOV, N.M., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; SAVINOV,
O.A., doktor tekhn.nauk; KOSTERIN, E.V., kand.tekhn.nauk, assistent.
Prinimali uchastie: AKINSHIN, V.M.; MARTSYNUK, V.I., starshiy
laborant. VASIL'YEV, B.D., prof., doktor tekhn.nauk, retsenzent;
BEREZANTSEV, V.G., prof., doktor tekhn.nauk, retsenzent; LAGAR'KOV,
H.I., inzh., nauchnyy red.; SMIRNOVA, A.P., red.izd-vs; NAUMOVA,
G.D., tekhn.red.

[Foundation engineering] Osnovaniia i fundamenti. Pod red. N.A.
TSytovicha. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i
stroit.materiam, 1959. 452 p. (MIRA 13:5)

1. Chlen-korrespondent AN SSSR (for Tsytovich). 2. Zaveduyushchiy
laboratoriyy kafedry osnovaniy i fundamentov Moskovskogo inzhe-
nerno-stroitel'nogo instituta imeni V.V.Kuybysheva (for Akinshin).
3. Zaveduyushchiy kafedroy osnovaniy i fundamentov Leningradskogo
instituta inzhenerov zhelezodorozhnnogo transporta imeni akademika
V.N.Obratsova (for Berezantsev).

(Foundations) (Soil mechanics)

VESELOV, V.A.

Foundations for fuel storage tanks to be built on perma-frost in the Far North. Osn., fund.1 mekh.grun. no.5:20-21
'59. (MIRA 12:12)

(Russia, Northern--Tanks)
(Foundations--Cold weather conditions)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

VESELYIY, V.A.; VIMNIKOV, D.N.; DOBROLYUBOV, G.Y.

Application of induction and semi-conductor heating in the processing
of plastics into articles. Trudy NKKD 27:167-171 1964.
(MIRA 21:8)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

VESELOV, V.A.

The 22d Technological Conference held at the V.V. Kuibyshev
Engineering and Construction Institute in Moscow. On.,
fund. i mekh. grun. 5 no.4:28-29 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

14(5)

SOV/132-59-8-6/18

AUTHORS: Abkin, Yu.A., and Veselov, V.F.

TITLE: On the Standard for Shot Bits

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 8, pp 25-26 (USSR)

ABSTRACT: The Komitet standartov, mer i izmeritel'nykh priborov pri Sovete ministrov SSSR (The Committee of Standards, Measures and Measuring Equipment at the USSR Council of Ministers) has introduced a new standard, GOST 6250-59, replacing the old GOST 6250-52, for shot bits used in test core-drilling. The standard was developed by the Tsentral'noye konstruktorskoye byuro (Central Design Office) of the Ministry of Geology and Conservation of Mineral Resources of the USSR. Preparatory work and testing of different types of steel was carried out by the Urai'skoye geologicheskoye upravleniye (Urals Geological Directorate) together with the Sverdlovskiy gornyy institut (Sverdlovsk Mining Institute). As a result, steel of the marks Ul2SL, G-13L, 30KhGSA and 40 Kh

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SOV/132-59-8-6/18

On the Standard for Shot Bits

was recommended for the fabrication of bits. The Committee also took into consideration the results of tests carried out by the Moskovskiy geologorazvedochnyy institut. (the Moscow Geological-Prospecting Institute) in the trest Artemuglegeologiya (Artemuglegeologiya Trust), by the Fiziko-tehnicheskaya laboratoriya tresta Altaytsvetmetrazvedka (Physico-Technical Laboratory of the Altaytsvetmetrazvedka Trust), and by I.A. Ostroushko. No unanimity was achieved in regard to the choice of the mark of steel, so supplementary industrial tests were carried out with bits produced by the Degtyarskiy mekhanicheskiy zavod (Degtyarka Mechanical Plant) from steel of 40Kh, 30KhGSA and 45 "marks" by the Ural'skoye geologicheskoye upravleniye (Urals Geological Directorate), the Sredne-Ural'skaya i Bakal'skaya partii (Middle-Urals and Bakal Parties), the Geologicheskoye upravleniye tsentral'nykh rayonov (Geological Directorate of Central Rayons),

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SOV/132-59-8-6/18

On the Standard for Shot Bits

the Belgorodskaya i L'govskaya ekspeditsii (Belgorod and L'gov expeditions), the South Kazakhstan Geological Directorate, the Sayakskaya partiya (Sayak Party) and the West Siberian Geological Directorate (the Rudnyy Altay Expedition). Finally, the Committee approved GOST 6250-59, according to which shot bits must be made from steel of 30KhGS and 40Kh marks with a heat treatment up to 240-300 N_B. Hardness. Their basic construction characteristics are: 1) thickness of walls - 10 mm; 2) inclined groove of a constant width, angle of inclination - 70°; 3) width of the groove 1/6 of the middle circumference of butt; 4) height of the groove - 150 mm. The new standard will come into force on 1 January 1960.

ASSOCIATION: TsKB Ministerstva geologii i okhrany nedor SSSR (the TsKB of the Ministry of Geology and Conservation of Mineral Resources of the USSR)

Card 3/3

VESLOV, V. I.

Methods for differentiating the process of hemp fiber scutching.
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.3:38-43 '60.
(MIRA 13:?)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh kul'tur.
(Hemp)

COUNTRY : USSR
CATEGORY : Farm Animals.
General Problems.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11972
AUTHOR : Pokrovskaya, G. F.; Veselov, V. I.
INST. : AS USSR, Yakutsk Affiliate.
TITLE : The Biochemical Composition and Caloric Value
of Some Animal Feeds in Yakutiya.
ORIG. PUB. : Dokl. na 8-y nauchn. sessii. (Yakutskiy fil.
AN SSSR). Botan., pochvoved., zool.,
ABSTRACT : No abstract.

CARD:

1/1 zootehnika. Yakutsk, 1957 (1958), 235-237

13

VESELOV, V. I.

34100. Proizvodstvo tetrakhloretilena i ego primeneniye pri degel'mintizatsii
lisits i pestsov. Karakulevodstvo i zverovodstvo, 1949, no. 5, c. 34-66

SO: Knizhuaya, Letopis', 'ol. 7, 1955

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

VESELOV, V.I.
VESELOV, V.I., inzh.

*Thickness of the processed layer of hemp fiber during beating.
Tokat, prom. 18 no. 1+13-15 Ja '58.
(Hemp)*

(MIRA 11:2)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

VESELOV, V. I.

LYUBASHENKO, S. Ya., VESELOV, V. I. "Differential diagnosis of certain infectious diseases of fur-bearing animals," Zarakulevodstvo i zverovodstvo, 1949, No 3, p. 67-69
SO: U-5240, 17Dec53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

1. VESELOV, V. I.
2. USSR (600)
4. Rabbit Breeding
7. Work of the Scientific Research Institute of Fur Farming and Rabbit Breeding during 1952 and tasks for 1953. Kar. i zver. 6, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

VESELOV, V.I.

Effect of the rotation velocity of the scutcher cylinders and of the
number of actions on the yield and quality of the hemp. Izv.vys.ucheb.
zav.;tekh.tekst.prom. no.4:54-59 '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh volokon.
(Hemp) (Textile machinery)

BRONNIKOV, A.Kh.; VESELOV, V.K.

Properties of potassium metaphosphate. Zhur.prikl.khim. 35
no.4:739-746 Ap '62. (MIRA 15:4)

1. Ivanovskiy khimiko-tehnologicheskiy institut.
(Potassium metaphosphates)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4

BRONNIKOV, A.Ch.; VESELOV, V.K.

Some properties of potassium metaphosphate. Chem prom 12 no.11:
613-614 N '62.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

VESELOV, V.M.

Pay more attention to pea cultivation. Zemledelie 24 no.3:46-48
Mr '62. (MIRA 15:3)

1. Belgorodskaya oblastnaya gosudarstvennaya sel'skokhozyaystvennaya
opytnaya stantsiya.
(Belgorod Province--Peas)

ACCESSION NR: AT4019035

8/0000/63/000/000/0089/0099

AUTHOR: Veselov, V. M.

TITLE: Investigation of the accuracy of various approximations in the problem of the space-energy and angular distribution of neutrons

SOURCE: Voprosy fiziki zashchity reaktorov; sbornik statey (Problems in physics of reactor shielding; collection of articles). Moscow, Gosatomizdat, 1963, 89-99

TOPIC TAGS: Nuclear reactor, reactor shielding, neutron, neutron distribution, neutron deceleration, neutron scattering

ABSTRACT: When studying the accuracy of various approximate methods for solving the kinetic equation which describes both the spatial shift as well as the slowing of neutrons (from the point of view of the application of these methods to the calculation of shielding), it is particularly important to consider how well these methods describe the distribution: (a) of the fast electrons which yield the principal portion of the overall intensity of the dose, and (b) the low-energy electrons which yield strong gamma radiation when trapped by the nuclei of different elements. In the present article, the author considers the lower approximations of the method of spherical harmonics (P_1 , P_2 , P_3) and certain of their modifications

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on the basis of the simplest problem of the space-energy and angular distribution of neutrons from a plane isotropic monoenergy source in an infinite homogeneous medium. In this medium it is assumed that absorption, the effects of chemical bonding and inelastic scattering are absent, the mean length of the free path λ is constant, and scattering is isotropic in the mass center system. The author makes use of the Wick method (Verde M., Wick G. Phys. Rev., 71, 852, 1947 and Wick G. Phys. Rev., 75, 738, 1949) which, by virtue of the fact that it includes an expansion by Legendre polynomials, is conveniently applicable to the solution of this problem. However, this method, somewhat modified with respect to the solution of the problem in the P_N -approximation, while it provides a rather good answer to the first question posed above, does not provide a satisfactory answer to the second. For this reason, the author has employed it in this article only for relatively great decelerations. In order to fill this gap he notes that, in addition to the impact density per unit interval of lethargy (z , u , μ) when $\mu \gg 1$, it is useful to study the energy moments from the impact density per unit interval of energy; that is, the integrals

$$\int_{E_0}^{\infty} Y(z, \mu, E) E^n dE,$$

(1)

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which characterize the distribution of neutrons for which the energy increases with n . In this case, the evident ratio

$$\Psi(E) dE = \Psi(u) du. \quad (2)$$

must be fulfilled. Graphs are given which show the logarithm of the impact density as a function of the distance to the source (in free path lengths) at fixed lethargy $u = 10$ for a decelerator with $M = 1$ and $u = 3$ and $M = 9$. Other diagrams are presented which illustrate the angular distribution of the neutrons at different distances from the source at different fixed lethargy and decelerator values, as well as the function $\int_0^\infty \Psi_0(z, u) e^{-u} du$ at different distances from the source. The function is normed so that $\int_0^\infty \Psi_0(z, u) e^{-u} du = 1$.

In the second part of the article, a qualitative comparison of the solutions of the problem under various approximations is made with the "exact" solutions obtained by Wick, Bethe, Tonks and Hurwitz (H. Bethe, L. Tonks, H. Hurwitz. Phs. Res., 80, 11, (1950). "The

Card 3/4

ACCESSION NR: AT4019035

author thanks V. V. Orlov and G. Ya. Rumiyansev for posing the original problem." Orig.
art. has: 6 figures, 2 tables and 18 formulas.

ASSOCIATION: none

SUBMITTED: 14Aug83

DATE ACQ: 27Feb64

ENCL: 00

SUB CODE: NP

NO REF Sov: 002

OTHER: 004

4/4
Card

VESELOV, V. M.

Wheat

Cultivation of winter wheat (*Triticum aestivum*) Agrobiologiya no. 6, 1951.
Nemerchanskaya optync-seleksionnaya stantsiya

SO: Monthly List of Russian Accessions, Library of Congress, 1953, Uncl.

L 05051-67 EWT(m) JR/GD
 ACC NR: AT6027919

SOURCE CODE: UR/0000/66/000/000/0040/0056

AUTHOR: Veselov, V. M.

29

B7/

ORG: None

TITLE: Spatial and angular distribution of neutrons from a point source

SOURCE: Voprosy fiziki zashchity reaktorov (Problems in physics of reactor shielding); sbornik statey, no. 2. Moscow, Atomizdat, 1966, 40-56

TOPIC TAGS: neutron radiation, angular distribution

ABSTRACT: The author considers the one-velocity problem of spatial-angular distribution of neutrons from an isotropic point source assumed to be located in an infinite homogeneous medium with total macroscopic cross section Σ_t and scattering cross section $\Sigma_s(\mu)$ expanded in a series with respect to Legendre polynomials

$$\Sigma_s(\mu) = \sum_{l=0}^{\infty} \frac{2l+1}{4\pi} \sigma_l P_l(\mu),$$

where

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$$o_i = 2\pi \int_{-1}^1 \sum_s(\mu) P_i^s(\mu) d\mu.$$

Solutions for the resultant distribution functions are found and theoretical data calculated according to various formulas are compared. Orig. art. has: 5 tables, 72 formulas.

SUB CODE: 20/ SUBM DATE: 12Jan66/ ORIG REF: 008/ OTH REF: 001

Card 2/2 pha

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VESELOV, V. N., BOGOSLOVSKIY, P. A., STOTSENKO, A. V., TSVID, A. A., UKHOV, S. B.,

"Dams in areas of distribution of permanently frozen rocks"

report to be submitted for the Intl. Conference on Permafrost, Purdue Univ,
Lafayette Indiana; 11-15 Nov 63

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

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VESELOV, V.P.

Unify the terminology. Standartizatsiia 29 no.8:31-32 '65.
(MIRA 18:10)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859610016-4"

VESELOV, V. P. and KUDRIASHEV, L. I.

"Investigation of non-stationary heat-exchange processes in heat-exchangers based on electronic models, taking into account the variability of heat- physical properties of materials."

Report presented at the 1st All-Union Conference on Heat- and Mass- Exchange,
Minsk, BSSR, 5-9 June 1961

L 16351-65 EWP(m)/EWP(w)/EWP(d)/EWP(t)/EWP(b) JD

ACCESSION NR: AT4045649

S/2943/64/000/002/0309/1317

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AUTHOR: Kudryashev, L. I., Veselov, V. P.

TITLE: Modeling of processes of nonstationary thermal conductivity in metals /
with variable thermophysical characteristics of the convection and radiation heat
exchange

SOURCE: Seminar po metodam matematicheskogo modelirovaniya i teorii elek-
tricheskikh tsepy. Matematicheskoye modelirovaniye i elektricheskiye tsepi
(Mathematical modeling and electrical circuits); trudy* seminara, no. 2. Kiev,
IZD. VO "Naukova Dumka", 1986.

TOPIC TAGS: nonstationary heat exchange, heat convection, heat radiation,
electric modeling, similarity theory

ABSTRACT: In a previous paper of the author et al. (Trudy* Kuvby'shevskogo

instituta radiofiziki i radioelektroniki im. V. G. Kurova, 1985, no. 2, p. 121-126) the problem of calculating the temperature field in a metal with variable material characteristics. For calculation of the electrical module, the analy-

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tical solution of the linear problem was compared with the solution obtained by modeling. In the present paper, the authors use a cascade procedure in which the electrical model of a single stage is extended to the case of its testing (APPENDIX). For comparison of the results, a method of the boundary layer theory based on the principle of similarity is applied. In addition to convection, the radiation heat exchange is also taken into account. The numerical solution of the problem is given.

ASSOCIATION: None

SUBMITTED: 01Dec62

ENCL: 00

SUB CODE: TD, IE

NO REF SOV: 002

OTHER: 000

Card 2/2

KUDRYASHEV, L. I.; VESELOV, V. P.

"Investigation of unsteady heat conduction and complex heat transfer by analog computation and an estimation of the errors."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Kuybyshev Aviation Inst.

T-25766-65 EMT(1)/EMP(w)/EMT(n)/EPA(e)-2/EWA(d)/EWG(v)/EPF(n)-2/EPR/T/EMP(t)
KANT/IV/1/1 N-5/P-1 P-1 D-1 M-1 1076
ACCESSION NR. A1309250

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AUTHOR: Kudryashov, L. I.; Veselov, V. P.

TITLE: Simulation of processes of non-stationary heat conduction in metals with variable thermal-mechanical characteristics during convective and radiant heat exchange

SOURCE: Analogovye metody i analitika resheniya kraevykh zadach (Analog methods and means of solving boundary value problems), Moscow: Naukova Dumka, 1985.

TOPIC TAGS: heat conduction, heat exchange, convection, radiation, electrosimulation, nonstationary heat transfer, analog method, numerical solution, problem

ABSTRACT: The authors consider the problem of heat conduction in a solid body with variable thermal properties, the object being to calculate the convective and radiant

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are set up and by means of Sturm's condition, Fourier's law, and the Bio-Stark criterion, these equations are finally transformed into a system of the form

$$\begin{aligned} \frac{\partial \theta}{\partial F_0^2} &= (1 + F_0) \left(\frac{\partial^2 \theta}{\partial Q^2} + \frac{2}{Q} \frac{\partial \theta}{\partial U} \right), \\ F_0^2 &= 0; \quad \theta_{\text{ext}} = \theta_{\text{ext}}(Q), \\ -\left(\frac{\partial \theta}{\partial V} \right)_0 &= \left(\frac{\partial \theta}{\partial Q} \right)_{\text{ext}} = \sum_{k=0}^{\infty} a_k f_k(k, \theta_{\text{ext}}). \end{aligned}$$

This system can be approximately solved using Lagrange polynomials and the IPT-5. The details are presented in the paper. This method should be capable of